

**SMD LED, UV LED**

**BL-LS3535H0C1UVA**

■ **Features:**

- SMD LEDs , UV LED, 3.5mmx3.5mm SMD
- Longer service and less luminosity loss
- PACKAGE: 1K PCS/REEL

➤ **Applications:**

- UV Sterilizatioin System
- UV photo catalyst
- UV Sensor Light



■ **Electrical-optical characteristics: (Ta=25°C)** (Test Condition: IF=500mA)

Part Number	Chip		Lens Type	Forward Voltage(VF) Unit:V		Radiant power Unit:mW		Viewing Angle 2θ1/2 (deg)
	Emitted Color	current		Typ	Max	Min.	Typ.	
<b>BL-LS3535H0C1UVA-380</b>	UVA 380-390nm	500mA	Water Clear	3.2	4.0	1000	1400	60
<b>BL-LS3535H0C1UVA-390</b>	UVA 390-400nm	500mA	Water Clear	3.2	4.0	1000	1400	60
<b>BL-LS3535H0C1UVA-400</b>	UVA 400-410nm	500mA	Water Clear	3.2	4.0	1000	1400	60

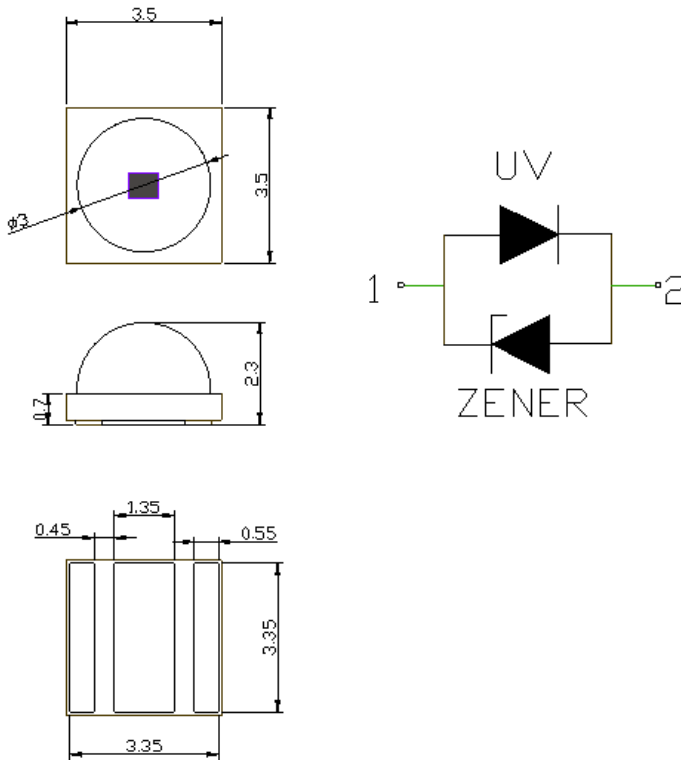
■ **Absolute maximum ratings (Ta=25°C)**

Parameter	Rating	Unit
Forward Current I <sub>F</sub>	700	mA
LED Junction Temperature	120	°C
Operation Temperature T <sub>OPR</sub>	-10 to +100	°C
Storage Temperature T <sub>STG</sub>	-40 to +100	°C
Lead Soldering Temperature T <sub>SOL</sub>	Max.260±5°C for 3 sec Max. (1.6mm from the base of the epoxy bulb)	°C

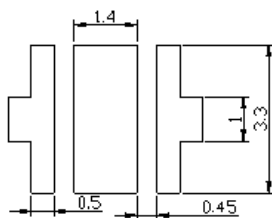
■ Package configuration & Internal circuit diagram

## BL-LS3535H0C1 Series

### Package Outline Drawing



### Recommended Soldering Pad Dimensions



Notes:

1. All dimensions are in millimeters (inches)
2. Tolerance is  $\pm 0.25(0.01)$  unless otherwise noted.
3. Specifications are subject to change without notice.

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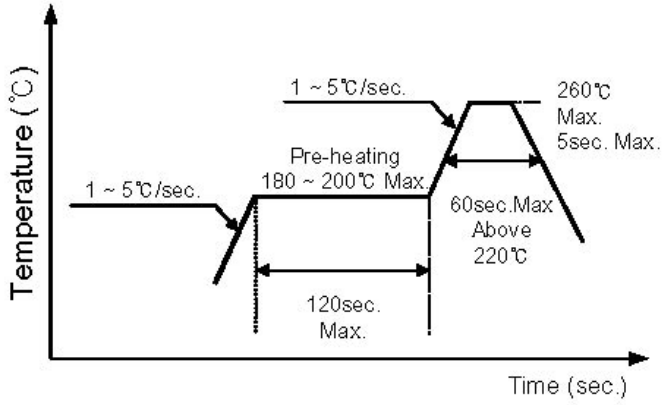
**BL-LS3535H0C1UVA**

■ **Tape Specifications**

**Smt Reflow Soldering Instructions**

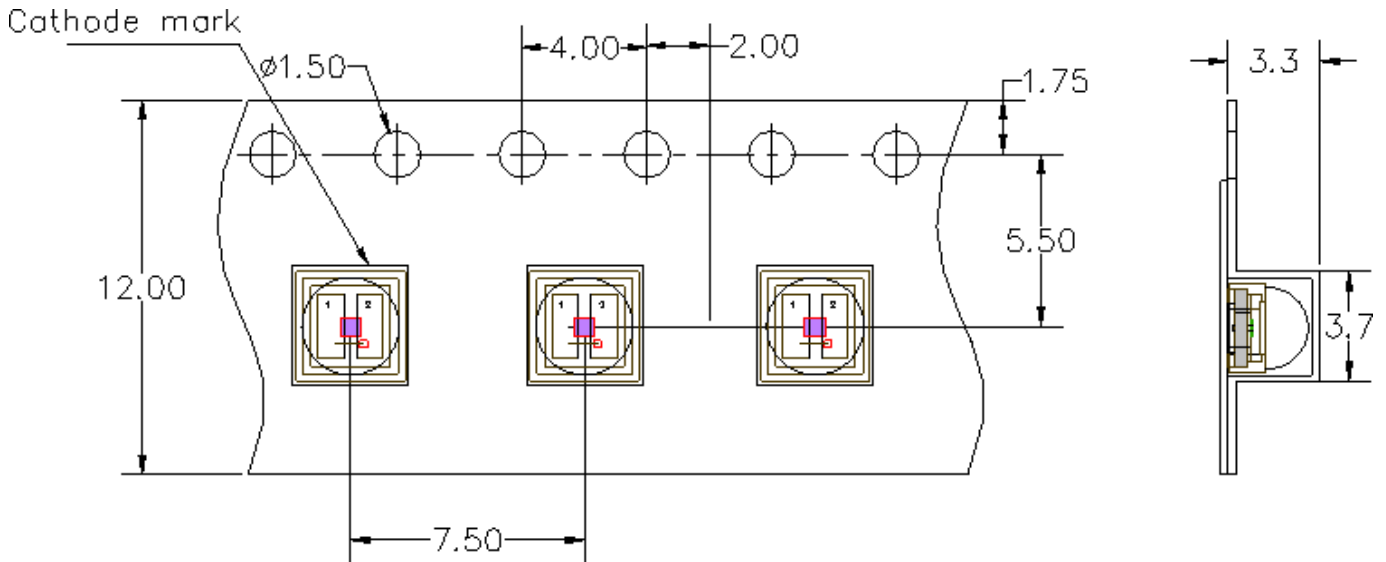
Number of reflow process shall be less than 2 times and cooling process to normal temperature is required between first and second soldering process

■ **Lead-free Solder**



■ **Tape Specifications**

(Units:mm)



■ Packing and weighting

